

Choosing a Project

This is the most crucial part of the project... get this wrong and you're in trouble!

Your project will be marked according to the information given in the [Marking Criteria](#). Before making a decision on a project, here are a couple of points to consider:

- Your project must be complex enough to provide evidence for all marking criteria.
- Do not make your project overly-complicated – you don't get any extra credit!
- Your project must be developed as a solution to a realistic, real-world problem.
- All dialogue with the end user must be recorded in detail as the project develops.
- You will need to code a workable solution using an appropriate programming language:
 - *Python, Visual Basic, Java, PHP, C# / C++ etc., Delphi*
- Planning your project (Gantt chart) is a very good idea.
- The submission date is not that far away!

Here are one or two basic ideas to get you thinking:

- Stock Inventory Database
- Small business appointment booking service
- Personal training schedule compiler
- Educational game to meet a specific teaching requirement
- Interactive quiz for a specific topic / questions editable or imported by non-technical teacher
- Assessment monitoring application

Your project should utilise as many of the following features (in a meaningful way!) as possible:

- Reading from / writing to a file / database
- Add / delete / modify records
- Arrays (static / dynamic / multi-dimensional)
- Loops
- Access Control (password / login to system)
- User-defined data structures
- Allow user input
- Data validation / verification & error checking
- Process information in a useful way (not just reformatting it!)
- Provide meaningful & appropriate output (to screen / options to print etc)
- Save / Load from different sources data
- etc.

This is not a comprehensive checklist!

***Before you start on your project,
you must discuss it with me first!***